

U.S. Department of Transportation  
**U.S. Coast Guard**  
**LOCAL NOTICE TO**  
**MARINERS**



**JULY WEEKLY SUPPLEMENT**

NOTICE NUMBER 29/00

July 18, 2000

Boating Safety Classes or Information: 1-800-336-BOAT (2628)

\*\* INTERNET ADDRESS \*\*

<http://www.uscg.mil/d13/>

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (oan)  
915 Second Avenue, Seattle, Washington 98174-1067  
Telephone (206) 220-7270 FAX # (206) 220-7285

**BROADCAST NOTICES TO MARINERS (BNMs)**

This Local Notice to Mariners (LNM) includes information concerning waterways in the Thirteenth Coast Guard District promulgated by the following broadcasts:  
BNM 0520-00 to 0535-00

LIGHT LIST REFERENCE: COMDTINST M16502.6, Light List Volume VI, 2000 Edition

**I. SPECIAL**

**33 CFR PART 165- FINAL RULE**

165.1310 STRAIT OF JUAN DE FUCA AND ADJACENT COASTAL WATERS OF NORTHWEST WASHINGTON – Makah Whale Hunting – Regulated Navigation Area - SEE (LNM) 27/00 FOR SPECIFIC DETAILS. A copy of this LNM can be obtained by the use of our internet address.

**ALASKA - PACIFIC OCEAN - HIGH SEAS DRIFTNET (HSDN) ACTIVITY**

SEE (LNM) 27/00 FOR SPECIFIC DETAILS. A copy of this LNM can be obtained by the use of our internet address.

**WASHINGTON – PUGET SOUND – SOUND SIGNALS -**

The Coast Guard has discovered that certain models of fog detectors may not activate the sound signal if a failure of the fog detectors occurs. SEE (LNM) 27/00 FOR SPECIFIC SOUND SIGNALS. A copy of this LNM can be obtained by the use of our internet address on page one.

**PACIFIC COAST AND PACIFIC ISLANDS – LIGHT LIST, COMDT PUB P16502.6 – NEW EDITION – Announcement –**

The Coast Guard announces that the year 2000 Light List is now available. The cost for the 2000 Light List is \$30.00, and can be ordered by using the order sheet on (page 9) of this Local Notice to Mariners. This publication is also available at Government Book stores and some Marine stores.

**WASHINGTON – LAKE WASHINGTON – SEATTLE SEAFAR UNLIMITED HYDROPLANE RACE – Safety Zone Regulation -**

This notice implements 33CFR 100.1301 for the Seattle Unlimited Hydroplane Race, to be held from 04 August to 06 August 2000. These special local regulations are needed to provide for the safety of participants and spectators on the navigable waters during this event. The effect will be to restrict general navigation in the regulated area for the safety of participants and spectators of the Hydroplane Race. The safety zone consists of: The waters of Lake Washington bounded by Mercer Island (Lacey V. Murrow) Bridge, the western shore of Lake Washington, and the east/west line drawn tangent to Bailey Peninsula and along the shoreline of Mercer Island.

The Coast Guard will maintain a patrol consisting of active and Auxiliary Coast Guard Vessels. The Coast Guard patrol is under the direction of the Coast Guard Patrol Commander ("Patrol Commander"). The Patrol Commander is empowered to control the movement of vessels on the race course and in the adjoining waters during the periods the regulation is in effect.

**EFFECTIVE DATE:** This regulation is effective on 04, 05 August 2000 from 0800 to 1800 local; and on 06 August 2000 from 0800 local until one hour after the conclusion of the last race (at approximately 1800 local).

**FOR FURTHER INFORMATION CONTACT:** LT Paul Stocklihn, USCG Marine Safety Office Puget Sound, telephone (206) 217-6232.

**WASHINGTON - DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS) – Off Air –**

Mariners are urged to use other means of navigation during the following DGPS off air date/times:

DGPS Site	Freq.	Primary Date	Local Time	Alternate Date	Local Time
Robinson Point	323 kHz	31 July 00	1130 to 1330	01 August 00	1130 to 1330
Appleton	300 kHz	28 Aug 00	0900 to 1100	29 August 00	0900 to 1100

**I. SPECIAL (continued)**

**WASHINGTON – LAKE WASHINGTON – SEAFAIR BLUE ANGELS AIR SHOW – Vessel Movement Control –**

The Coast Guard will be controlling vessel movement on the waters of Lake Washington from 0830 to 1500 local 02 through 06 August 2000. The Captain of the Port Puget Sound, Seattle, WA, is taking this action to safeguard watercraft and their occupants from the safety hazards associated with high performance aircraft conducting complex maneuvers at high speed and low altitudes. The vessel control area will encompass the area of Lake Washington over which the air show will take place. Entry into this area may be prohibited due to safety hazards and will be monitored by law enforcement personnel.

**BACKGROUND AND PURPOSE:** The Coast Guard will monitor vessel movement for the U.S. Blue Angels Air Show sponsored by Seafair, Incorporated. The controlled area encompasses 47°36'32"N 122°15'59.0"W; thence to position 47°36'25.9"N 122°16'38.0"W; thence to position 47°33'07.7"N 122°15'48.8"W; thence to position 47°36'33"02"N 122°15'31.5"W; thence to point of origin. Entry into this area may be prohibited during the air show and practice sessions. This area will be enforced by representatives of the Captain of the Port, Puget Sound, Seattle, WA. The Captain of the Port may be assisted by other federal, state and local agencies.

**FOR FURTHER INFORMATION CONTACT:** LT Paul Stocklin, USCG Marine Safety Office Puget Sound, telephone (206) 217-6232.

**OREGON – YAQUINA BAY TO COLUMBIA RIVER – Undersea Cable Hazard –**

An undersea cable is partially unburied and suspended off the sea floor within an area bound by the following approximate positions:

45°31'N 125°20'W 45°29'N 125°20'W 45°31'N 124°42'W 45°29'N 124°42'W

Mariners are advised that fishing activity in this area may result in damage to and or loss of fishing gear.

Chart 18520

**OREGON – CAPE SEBASTIAN TO HUMBURG MOUNTAIN – ROGUE RIVER – Oceanographic Equipment –**

Two subsurface oceanographic moorings have been deployed in the vicinity of Gold Beach, Oregon, at the following locations/depths:

42°26.58'N 124°34.39'W

42°26.49'N 124°34.47'W

bottom depth = 41 fathoms

bottom depth = 41 fathoms

depth to top of mooring = 40.5 fathoms

depth to top of mooring = 9 fathoms

**Mariners are advised that fishing activity in this area may result in damage to and or loss of fishing gear.**

Chart 18601

**OREGON – COLUMBIA RIVER – ASTORIA – Potential Navigation Hazard -**

The Astoria Mooring Basin east breakwater at the west mooring basin has breached. An orange buoy has been placed approximately ten feet north of the breakwater. Mariners are advised to stay clear of the east breakwater and marker buoy.

Chart 18521

**WASHINGTON – LAKE WASHINGTON SHIP CANAL – HIRAM M. CHITTENDEN LOCKS – Vessel Length Restriction in the Large Lock –**

The Army Corps of Engineers advise that the large navigation lock will be reduced to the west chamber being operational. This will restrict vessels size to 327 feet or shorter.

This restriction will be from 01 November 2000 through 31 March 2001. During this restricted period the large lock will be closed from 1300 local 17 November to 1600 local 02 December 2000. The small lock navigation lock will be operational during the restriction and closure periods.

Chart 18477

**WASHINGTON – GRAYS HARBOR – WATERWAYS ANALYSIS – Request for Comments –**

The Coast Guard is conducting a Waterway Analysis and Management System (WAMS) study of Grays Harbor. This WAMS focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Comments are requested on or before 31 October 2000. Any interested party may participate in a user survey or provide input. Please contact: LTJG Katie Alexander at (206) 220-7274 or e-mail; [kalexander@pacnorwest.uscg.mil](mailto:kalexander@pacnorwest.uscg.mil) or write to:

Commander (oan)  
13th Coast Guard District  
Attn: LTJG Katie Alexander  
915 2nd Ave  
Seattle, WA 98174-1067

**WASHINGTON – PUGET SOUND NORTHERN PART – Current Meter Survey –**

Nine Sensors will be deployed on July 10, 2000, seven of which will form a line running east to west from Edwards Point to Appletree Point. Only one of these sensors will be on the surface and be located in the Traffic Separation Zone. The others will sit on the bottom. The two additional sensors will be located at the south entrance to Possession Sound and off Point No Point in Admiralty Inlet in the Traffic Separation Zone. The Possession Sound sensor will be on the surface. These moorings will remain in place for one month then be re-deployed. The six bottom mounted instruments will change positions throughout the one year project. The two surface sensors, and the sensor off Point No Point in Admiralty Inlet will maintain in the same positions for the one year project duration. The two surface sensors will be lighted. Approximate sensor positions are:

47°49.250'N 122°28.700'W	Bottom	47°46.720'N 122°26.672'W	Bottom	47°49.250'N 122°26.180'W	Bottom	47°49.250'N 122°23.570'W	Bottom
47°49.250'N 122°27.420'W	Bottom	47°55.854'N 122°30.532'W	Bottom	47°49.250'N 122°24.690'W	Bottom	47°54.388'N 122°20.905'W	Surface
47°46.720'N 122°26.531'W	Surface						

Chart 18440

**WASHINGTON – CANADIAN DEPARTMENT OF FISHERIES AND OCEANS - STRAIT OF JUAN DE FUCA – Research Moorings Deployment – (Revised)**

The Canadian Department of Fisheries and Oceans have installed sub-surface moorings for oceanographic research at the following locations:

<u>Mooring Position:</u>	<u>Depth Below Surface:</u>	<u>Date of Removal:</u>	<u>Mooring Position:</u>	<u>Depth Below Surface:</u>	<u>Date of Removal:</u>
48°23'05"N 124°20'20"W	12 Meters	31 October 2000	48°15'05"N 124°09'47"W	20 Meters	31 October
48°24'47"N 124°09'56"W	20 Meters	31 October 2000	48°17'06"N 123°58'43"W	12 Meters	31 October
48°21'14"N 124°12'16"W	180 Meters	31 October 2000			

Chart 18480

**I. SPECIAL (continued)**

**OREGON – WASHINGTON – COLUMBIA RIVER – Bridge Information – Interstate 5 bridges between Vancouver and Portland at mile 106.5 –**

The vertical lift spans are authorized to be closed for painting from July 15 to September 15, 2000. This is a continuation of the painting of the lift towers that began last summer. The closure is contingent upon the river level remaining at or below 6 feet for the daily mean (Columbia River Datum). The Coast Guard published a temporary final rule in the Federal Register on June 23, 2000 (65FR39107). A copy of this notice may be obtained by calling Austin Pratt at (206) 220-7282.  
Charts 18524, 18526

**OREGON – WILLAMETTE RIVER – Bridge Information –**

The draw of the following bridges need not open for the passage of vessels on the dates and times listed:

<u>Bridge Name</u>	<u>Date</u>	<u>Local Times</u>	<u>Bridge Name</u>	<u>Date</u>	<u>Local Times</u>	<u>Bridge Name</u>	<u>Date</u>	<u>Local Times</u>
Broadway	23 July 00	0700 to 1000	Burnside	28 July 00	1130 to 1200	Hawthorne	13 August 00	0630 to 1030
	13 August 00	0700 to 1230		13 August 00	0700 to 1030			

Chart 18526

**WASHINGTON – GRAYS HARBOR – Wishkah River – Bridge Information –**

The draw of the Heron Street (River Mile 0.2) & Wishkah Street (River Mile 0.4) bridges need not open for the passage of vessels on the dates and times listed:

<u>Start Date</u>	<u>Time</u>	<u>End Date</u>	<u>Time</u>
24 July 00	1800	to 18 August 00	0500
21 August 00	0500	to 01 September 00	2000

Chart 18502

**OREGON – WILLAMETTE RIVER – BURLINGTON NORTHERN SANTA FE RAILROAD BRIDGE – Bridge Information –**

A survey indicates that the water depth in the vicinity of the center span of the Burlington Northern Santa Fe Railroad Bridge at river mile 6.9 may be less than charted. The water depth in position 45 34.9°N, 122 44.8°W is reported to be approximately 39.1 feet from Columbia River DATUM zero; however, lesser depths have been reported in the vicinity. Instrument error is reported as approximately plus or minus 0.5 feet. Mariners are urged to use caution when transiting this area.

Chart 18528

**WASHINGTON – SNAKE RIVER – Bridge Lighting –**

Lighting discrepancies have been reported on the following bridges:

The Highway 12 Bridge at mile 2.2 -Several downstream red pier lights and the downstream topmost white center of channel light are reported extinguished.

The Burlington Northern Railroad Bridge at mile 1.5 -The downstream green center of channel light is reported extinguished.

**OREGON – WASHINGTON – COLUMBIA RIVER – Silting Report –**

The Army Corps of Engineers (ACOE) have commenced dredging in the Columbia River. Mariners are advised that the following areas have some silting: EXPLANATION OF SILTING LOCATIONS: (River Mile 67 + 10 to 67 + 50) Indicates that 1 to 2 feet of silting has occurred on the Washington side of the river starting 10 feet upriver from River Mile 67 and ending 50 feet upriver from River Mile 67 for a total of 40 feet of reduced channel depth.

<u>AREA</u>	<u>LOCATION</u>
Slaughters Channel	(River Mile 67 + 10 to 67 + 50) Washington side
Brooks	(River Mile 29 + 45 to 30 + 15) Oregon side
Miller Sands	(River Mile 21 + 28 to 21 + 42) Oregon side & (River Mile 22 + 12 to 22 + 20) Washington side & (River Mile 23 + 30 to 23 + 50) Oregon side

These areas are silting to the point where they are reducing the channel depth by 1 to 2 feet.

Charts 18523 and 18524

**COLUMBIA RIVER ENTRANCE – COOS BAY ENTRANCE - Dredging Operations –**

Dredging operations are being conducted by the Hopper Dredge DODGE ISLAND and Survey Vessel MIAMI RIVER and will continue through 30 November 2000 at the following locations:

<u>AREA</u>	<u>MATERIAL PLACEMENT</u>
Columbia River Entrance & Columbia River	Disposal Area E-2
Coos Bay Entrance	Disposal Area F-NS-00
Coos Bay Entrance	Disposal Area F-1-00

Dredging operations will be 7 days per week, 24 hours a day. The Dredge and Survey Vessel will monitor VHF channels 13 & 16.

Chart 18521 and 18587

**OREGON – WASHINGTON – COLUMBIA RIVER ENTRANCE – Dredging Operations –**

Dredging operations are being conducted by the Dredge ESSAYONS at the mouth of the Columbia River and will continue through 31 July 2000. The dredge material will be placed in the North Jetty material placement site designated NJ-1.

Chart 18521

**II. DISCREPANCIES - DISCREPANCIES CORRECTED**

THE FOLLOWING AIDS TO NAVIGATION ARE NOT WATCHING AS ADVERTISED IN THE LIGHT LIST VOLUME VI, THIRTEENTH DISTRICT SECTION:

Highlighted text denotes new discrepancy since last LNM.

NOTE: Mariners are cautioned that portions of missing structures may remain.

**II. DISCREPANCIES - DISCREPANCIES CORRECTED (continued)****FEDERAL AIDS**

<u>LL #</u>	<u>Aid Name</u>	<u>Status</u>	<u>Chart</u>	<u>BNM</u>	<u>LNM</u>
635	HECETA HEAD LIGHT	MAIN LIGHT EXTINGUISHED	18580	0452-00	23/00
		EMERGENCY LIGHT OPERATIONAL			
11680	MULTNOMAH FALL DIKE LT 82	EXTINGUISHED	18531	0532-00	29/00

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15187	WILLAPA BAY ENTRANCE BUOY D	MISSING	18504	0453-00	23/00
15735	GRAYS HBR N CHNL RANGE D FRONT LT	DESTROYED	18502	1071-99	50/99
16165	NEAH BAY INNER DBN 4	MISSING	18484	0329-00	15/00

#### PRIVATE AIDS

<i>LL #</i>	<i>Aid Name</i>	<i>Status</i>	<i>Chart</i>	<i>BNM</i>	<i>LNM</i>
18470	GEDNEY ISLAND FISH REEF BUOY A	MISSING	18444	0107-99	05/99
19377	HUNTER BAY AQUACULTURE LB (2)	MISSING	18429	0949-99	46/99

#### FEDERAL AIDS

THE FOLLOWING AIDS TO NAVIGATION DISCREPANCIES HAVE BEEN CORRECTED SINCE THE LAST LOCAL NOTICE TO MARINERS:

<i>LL #</i>	<i>Aid Name</i>	<i>Status</i>	<i>Chart</i>	<i>BNM</i>	<i>LNM</i>
760	CAPE FLATTERY LIGHT	WATCHING PROPERLY	18460	0522-00	28/00

#### PRIVATE AIDS

<i>LL #</i>	<i>Aid Name</i>	<i>Status</i>	<i>Chart</i>	<i>BNM</i>	<i>LNM</i>
NONE					

### III. TEMPORARY CHANGES - TEMPORARY CHANGES CORRECTED

THE FOLLOWING AIDS TO NAVIGATION HAVE BEEN TEMPORARILY CHANGED:

<i>LL #</i>	<i>Aid Name</i>	<i>Status</i>	<i>Chart</i>	<i>BNM</i>	<i>LNM</i>
9825	TILLAMOOK ENTRANCE FRONT RANGE LT	DISCONTINUED	18558	0270-99	11/99
9830	TILLAMOOK ENTRANCE REAR RANGE LT	DISCONTINUED	18558	0270-99	11/99
9830	TILLAMOOK ENTRANCE REAR RANGE LT	SECTOR LIGHT	18558	0769-99	35/99
16165	NEAH BAY INNER DAYBEACON 4	TRUB	18484	0336-00	15/00
17159	COMMENCEMENT BAY DIRECTION LT	DISCONTINUED	18453	0498-00	27/00

THE FOLLOWING TEMPORARY AIDS TO NAVIGATION HAVE EITHER BEEN RESTORED TO NORMAL OPERATION OR DISCONTINUED:

<i>LL #</i>	<i>Aid Name</i>	<i>Status</i>	<i>Chart</i>	<i>BNM</i>	<i>LNM</i>
9155	COOS BAY SOUTH SLOUGH BUOY 6	WATCHING PROPERLY	18587	0521-00	15/00
10190	HARRINGTON PT CHNL LB 54	RESET/ WATCHING PROPERLY	18521	0525-00	27/00

### IV. CHART CORRECTIONS

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

<b>Chart number</b>	<b>Chart edition</b>	<b>Edition date</b>	<b>Last Local Notice to Mariners</b>	<b>Horizontal Datum</b>	<b>Source of Correction</b>	<b>Current Local Notice to Mariners</b>
18427	19th Ed.	3/27/99	Last LNM 01/97	NAD 83	(CGD13)(NOS SIVLER SPRINGS) or	(CGD13)02/97
WA - FRANKLIN LAKE - PROTECTION WATERWAY - SHELTER HARBOR -						
Add	Safe Channel Light "2", Fl R 4s	15FT 4M				47°48'30"N 122°15'00"W
<b>Corrective</b>	<b>Object of corrective</b>	<b>action</b>	<b>action</b>			<b>Position</b>

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles.

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated July 1, 2000, published by the National Ocean Service, is available for issue. It may be obtained free from the Distribution Division, N/ACC3, National Ocean Service, 6501 Lafayette Avenue, Riverdale, MD, 20737-1199. This is a quarterly publication listing the most recent editions of nautical charts, miscellaneous maps and publications relating to navigation, weather, etc. with brief descriptions and up-to-date prices for most of the publications listed.

**New editions (2000-2001) of NOS Chart Catalogs 2 (Pacific Coast, Including Hawaiian, Mariana and Samoa Islands) and Catalog 3 Alaska (Alaska and the Aleutian Islands) have been printed and are available free of charge at all NOS authorized chart sales agents.**

18450	16th ed.	05/13/2000	LAST LNM: 13/00	NAD 83	<b>NEW EDITION</b>	18AHA18450 1:10,000/\$16.50	(NOS SILVER SPRING)29/00
WA - SEATTLE HARBOR - ELLIOTT BAY AND DUWAMISH WATERWAY							
ADD (New edition due to various general changes)							
18521	67th ed.	11/06/1999	LAST LNM : 27/00	NAD 83			(CGD13) 29/00
OR-WA-COLUMBIA RIVER-PACIFIC OCEAN TO HARRINGTON POINT-ILWACO HARBOR							
RELOCATE	Harrington Point Lighted Buoy "54"						
	From (46°14'29.4"N 123°42'10.2"W)						
	(Previously Temporarily Relocated in LNM 27/00)						
					to	46°14'38.6"N	123°41'51.8"W

### IV. CHART CORRECTIONS (continued)

18583	37th ed.	05/09/1992	LAST LNM: 22/00	NAD 83			(NOS SILVER SPRING)29/00
OR - SIUSLAW RIVER							
ADD	Controlling depth for Siuslaw River						
	(See page 8)						
					centered at	44°01'10.0"N	124°06'18.0"W

### V. ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

NONE

### VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

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Comments are requested on or before August 18, 2000 Attn: Mr. John Barberi

**COLUMBIA RIVER – LONGVIEW – Light Information –**

The Coast Guard proposes to discontinue Slaughters Dike Light 26 (LLNR 10810). Due to new pier construction in the area, the light is no longer considered necessary for safe navigation.

Chart 18524

Comments are requested on or before July 28, 2000 Attn: Mr. John Barberi

**OREGON – APPROACHES TO YAQUINA AND DEPOE BAY – Tillamook Bay – Light Information –**

The Coast Guard proposes that Tillamook Bay Entrance Direction Light (LLNR 9830) be made permanent.

Chart 18558

Comments are requested on or before July 28, 2000 Attn: Mr. John Barberi

**COLUMBIA RIVER – CRIMS ISLAND TO ST. HELENS – Longview – Daybeacon Information –**

The Coast Guard proposes to discontinue Slaughters Dike Daybeacon 20A (LLNR 10795). The daybeacon is no longer considered necessary for safe navigation in the area.

Chart 18524

**VII. GENERAL**

REFER TO LOCAL NOTICE TO MARINERS 27/00 FOR CURRENT INFORMATION.

**VIII. SUMMARY OF CORRECTIONS TO THE LIGHT LIST, VOLUME VI; PACIFIC COAST AND PACIFIC ISLANDS 2000:**

An asterisk \*, indicates the column in which a correction has been made or new information added.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Ht	(6) Rng	(7) Structure	(8) Remarks
<b>CAPE BLANCO TO YAQUINA HEAD</b>							
610	Baltimore Rock Bell	43 21.3				Yellow	
	Buoy BR	124 23.0					
	*					*	21/00
<b>Rogue River</b>							
8665	- Buoy 5	42 25.5				Green can.	Maintained from May 15
		124 25.4					to Oct 10.
		*					23/00
<b>Coos River</b>							
<b>* Delete Note:</b>							
<i>* Due to frequently changing conditions, positions of buoys are not listed.</i>							
							26/00
9090	MARSHFIELD CHANNEL	43 22.5	<b>Q R</b>	14		KRB on dolphin.	
	RANGE FRONT LIGHT	124 10.9					
9105	- Channel Buoy 3					Green can.	Position frequently shifted
		*					with changing conditions.
							* 26/00
<b>South Slough</b>							
9155	- Buoy 6					Red nun.	Position frequently shifted
		*					with changing conditions.
							* 26/00
9160	- Buoy 5					Green can.	Position frequently shifted
		*					with changing conditions.
							* 26/00

**VIII. SUMMARY OF CORRECTIONS TO THE LIGHT LIST, VOLUME VI; PACIFIC COAST AND PACIFIC ISLANDS 2000:**

**(continued)**

An asterisk \*, indicates the column in which a correction has been made or new information added.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Ht	(6) Rng	(7) Structure	(8) Remarks
<b>Umpqua River</b>							
9325	- LIGHT 20	43 44.9	<b>FL R 6s</b>	15	4	TR on pile.	
		124 08.4					
	*		*	*	*		23/00

**Siuslaw River**

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9453	Channel Buoy 4					Red nun.	Position frequently shifted with changing conditions. *	22/00
		*						
9460	Channel Buoy 4A						Remove from list. *	22/00
<b>Yaquina Bay</b>								
9585	- ENTRANCE RANGE REAR LIGHT 525 yards, 060° from front light.		<b>Iso R</b> 6s	50		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.	
		*	*					29/00
<b>Puget Sound</b>								
10401	- LIGHT 43	46 12.3 123 25.5	<b>Fl G</b> 6s	20	4	SG on dolphin.	On dike.	
	*		*	*	*		*	29/00
<b>Westport</b>								
10525	- Channel Lighted Buoy 68	46 08.7 123 17.3 *	<b>Fl R</b> 2.5s		5	Red.		24/00
<b>Eureka</b>								
10565	- CHANNEL LIGHT 70	46 08.9 123 15.7 *	<b>Fl R</b> 4s	15	4	TR on dolphin.	Ra ref.	26/00
<b>Lake Sacajawea</b>								
13480	- LIGHT 59	46 33.2 118 33.2 *	<b>Fl G</b> 2.5s	13	3	SG on skeleton tower.		21/00
	*	*	*	*		*		
<b>Willapa Bay</b> * <b>Delete note:</b> * Due to frequently changing conditions, positions of buoys are not listed.								
								26/00
15175	- Entrance Buoy A					Yellow can.	Position frequently shifted with changing conditions. *	26/00
15180	- Entrance Buoy B					Yellow can.	Position frequently shifted with changing conditions. *	26/00
15186	- Entrance Buoy C					Yellow can.	Position frequently shifted with changing conditions. *	26/00

# **VIII. SUMMARY OF CORRECTIONS TO THE LIGHT LIST, VOLUME VI; PACIFIC COAST AND PACIFIC ISLANDS 2000:**

## **(continued)**

An asterisk \*, indicates the column in which a correction has been made or new information added.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Ht	(6) Rng	(7) Structure	(8) Remarks
Willapa Bay							
15187	- Entrance Buoy D					Yellow can.	Position frequently shifted with changing conditions. *26/00
15230	TOKE POINT JETTY LIGHT 3	46 42.4 123 58.0	Fl G 4s	13	6	SG on piles.	*21/00

**Bay Center Channel****\* Delete Note:****\* Due to frequently changing conditions, positions of buoys are not listed.**

26/00

15495	- Light 2	46 38.6 123 59.4	<b>Fl R</b> 2.5s	24	4	TR on Dolphin.		
15505	- Buoy 8	*				Red nun.	Position frequently shifted with changing conditions.	26/00
15510	- Buoy 10	*				Red nun.	Position frequently shifted with changing conditions.	26/00

**Quillayute River**

16086	- Entrance Buoy 2A	*				Red nun.	Position frequently shifted with changing conditions. Maintained from May 1 to October 15.	26/00
16095.1	- Entrance Buoy 3A	*				Green can.	Position frequently shifted with changing conditions. Maintained from May 1 to October 15.	26/00

**Puget Sound**

16740-	- Reference Research Buoy	47 46.7 122 26.5	<b>Fl Y</b> 4s			White and orange buoy.	Private aid.	
*	*	*	*	*	*	*	*	28/00

**Hood Canal**

17770	SISTERS ROCK LIGHT	47 51.5 122 38.5	<b>Fl R</b> 4s	15	5	TR on wooden crib.		
	*							23/00

**Lake Union**

18205	- <i>Lighted Buoy 11</i>		<b>Fl G</b> 6s		2	Green.		
	*				*			21/00

**Possession Sound**

18475	- Research Buoy	47 54.4 122 20.9	<b>Fl Y</b> 4s			White and orange buoy.	Private aid.	
*	*	*	*	*	*	*	*	28/00

**Padilla Bay**

19018	WILLIAM POINT LIGHT 3	48 35.0 122 33.6	<b>Fl G</b> 6s	13	5	SG		
	*		*			*		21/00

**VIII. SUMMARY OF CORRECTIONS TO THE LIGHT LIST, VOLUME VI; PACIFIC COAST AND PACIFIC ISLANDS 2000:****(continued)**

An asterisk \*, indicates the column in which a correction has been made or new information added.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Ht	(6) Rng	(7) Structure	(8) Remarks
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**STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA**

20450	DANGER REEFS LIGHT (C)	49 03.3 123 42.9	<b>Q W</b>	22	5	White circular tower.	When passing southward, lights should be given a berth of at least one half mile. Ra ref. *	21/00
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**IX. ADDITIONAL ENCLOSURES:**

NONE

If you have any questions, comments, or need additional information concerning this or other LNMs or the LNM Mailing List (e.g. additions, deletions, corrections) contact the address or

18 July 2000

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Notice No. 29

Thirteenth Coast Guard District

phone number on the front page.

G. F. GREENE  
Captain, U.S. Coast Guard  
Chief, Aids to Navigation & Waterways Management Branch  
Thirteenth Coast Guard District  
By direction of the District Commander

SIUSLAW RIVER							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2000 AND SURVEYS TO JUNE 2000							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE TO HIGHWAY BRIDGE	9	11	9	7-99; 4,6-00	300-200	5.0	18-16
TURNING BASIN	10	7	7	6-00	400	0.3	16
TURNING BASIN TO CUSHMAN	7	8	8	7-99;6-00	150	2.1	12
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							



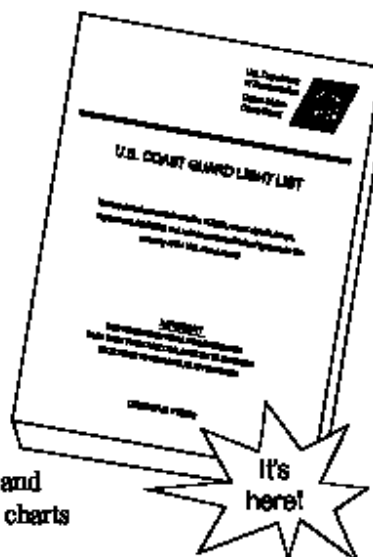
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